

## APPENDIX HFPCL

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## **APPENDIX HFPCL**

### **High Frequency Portion of Centrex Facilities**

#### **1. INTRODUCTION**

- 1.1 This Appendix sets forth terms and conditions for providing the high frequency portion of Centrex facilities (HFPCL) by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and Competitive Local Exchange Carrier (CLEC).
- 1.2 TERM AND TERMINATION
- 1.2.1 Except as otherwise set forth below, the Term and Termination language set forth in the General Terms and Conditions of this Agreement shall not generally apply to this Appendix. Rather, the effective date of this Appendix shall be ten (10) days following the date it is approved by the appropriate state commission(s) and such Appendix shall remain in effect for the Term of the Interconnection Agreement or until terminated by either Party as set forth in Section 1.2.2 below.
- 1.2.2 Either party may terminate this Appendix at any time whatsoever (before expiration of the initial term of the Agreement or following expiration of such Term) upon thirty (30) days advance written notice to the other party.
- 1.3 **SBC-SNET** - For purposes of this Appendix, Southern New England Telephone (SNET) shall provide nondiscriminatory access to Unbundled Network Elements, including xDSL and HFPL rates, terms and conditions pursuant to the rates, terms and conditions identified in the applicable Connecticut Access Services Tariff, Section 18.2, which are incorporated herein by this reference. CLEC will have the BFR process available to it pursuant to the terms and conditions set forth in Docket No. 99-01-32. This Appendix shall be used in conjunction with the xDSL/HFPL provisions set forth in the referenced Connecticut Access Tariff and shall augment them only with respect to the high frequency portion of centrex facilities. For purposes of SNET, all references to Appendix Pricing in this Appendix shall refer to the applicable pricing in the HFPCL Pricing Appendix and/or the applicable conditioning elements found in the Connecticut Access Service Tariff. For purposes of this Appendix, to the extent there are any conflicts between the provisions in this Appendix HFPCL and the provisions of the referenced Connecticut Access Tariff, the provisions of the Connecticut Access Tariff shall control.

#### **2. DEFINITIONS**

- 2.1 For purposes of this Appendix, a “HFPCL” is defined as the frequency above the voice band on a copper facility that is being used to carry Centrex service.
- 2.2 For purposes of this Appendix, “Centrex facility” is defined as the analog circuit providing the switched voice capabilities of Centrex between the distribution frame (or its equivalent) and the demarcation point at the end user customer's premise.
- 2.3 The term “Digital Subscriber Line” (“DSL”) describes various technologies and services. The “x” in “xDSL” is a place holder for the various types of DSL services, including, but not limited to ADSL (Asymmetric Digital Subscriber Line), HDSL (High-Speed Digital Subscriber Line), IDSL (ISDN Digital Subscriber Line), SDSL (Symmetrical Digital Subscriber Line), UDSL (Universal Digital Subscriber Line), VDSL (Very High-Speed Digital Subscriber Line), and RADSL (Rate-Adaptive Digital Subscriber Line).
- 2.4 Technology that is “presumed acceptable for deployment” is one that either complies with existing industry standards, has been successfully deployed by another carrier in any state without significantly degrading the performance of other services, or has been approved by the FCC, any state commission, or an industry standards body.
- 2.5 A “non-standard xDSL-based technology” is a technology that is not presumed acceptable for deployment under Section 2.5 of this Appendix.
- 2.6 “Continuity” shall be defined as a single, uninterrupted path along a circuit, from the Minimum Point of Entry (MPOE) or other demarcation point to the Point of Interface (POI) located on the horizontal side of the Main Distribution Frame (MDF).
- 2.7 “Proof of Continuity” shall be determined by performing a physical fault test from the MPOE or other demarcation point to the POI located on the horizontal side of the MDF by providing a short across the circuit on the tip and ring, and registering whether it can be received at the far end. This test will be known hereafter as “Proof of Continuity” or “Continuity Test.”
- 2.8 The term “Splitter,” as used in this Appendix, is a device that divides the data and voice signals concurrently moving across the Centrex facility, directing the voice traffic through copper tie cables to the switch and the data traffic through another pair of copper tie cables to multiplexing equipment for delivery to the packet-switched network.

- 2.9 Digital Subscriber Line Access Multiplexer” (“DSLAM”) is a piece of equipment that links end-user DSL connections to a single high-speed packet switch, typically ATM or IP.

### 3. GENERAL TERMS AND CONDITIONS RELATING TO HFPCL

- 3.1 **SBC-13STATE** will provide HFPCL for CLEC to deploy xDSL technologies presumed acceptable for deployment or non-standard xDSL technology as defined in this Appendix. **SBC-13STATE** will not impose limitations on the transmission speeds of xDSL services; provided, however, **SBC-13STATE** does not guarantee transmission speeds, available bandwidth nor imply any service level. CLEC may only deploy xDSL technologies on HFPCL-Centrex that do not cause significant degradation with analog voice band transmission.
- 3.2 **SBC-13STATE** shall not deny CLEC’s request to deploy any technology that is presumed acceptable for deployment pursuant to state or federal rules unless **SBC-13STATE** has demonstrated to the state commissions in accordance with FCC orders that CLEC’s deployment of the specific technology will significantly degrade the performance of other advanced services or traditional voice band services.
- 3.3 In the event the CLEC wishes to introduce a technology that has been approved by another state commission or the FCC, or successfully deployed elsewhere, the CLEC will provide documentation describing that action to **SBC-13STATE** and the state commission before or at the time of its request to deploy such technology within **SBC-13STATE**. The documentation should include the date of approval or deployment, any limitations included in its deployment, and a sworn attestation that the deployment did not significantly degrade the performance of other services.
- 3.4 In the event the CLEC wishes to introduce a technology that does not conform to existing industry standards and has not been approved by an industry standards body, the FCC, or a state commission, the burden is on the CLEC to demonstrate that its proposed deployment meets the threshold for a presumption of acceptability and will not, in fact, significantly degrade the performance of other advanced services or traditional voice band services.
- 3.5 Liability
- 3.5.1 Notwithstanding any other provision of this Appendix, each Party, whether a CLEC or **SBC-13STATE**, agrees that should it cause any non-standard xDSL technologies to be deployed or used in connection with or on **SBC-13STATE** facilities, the Party (“Indemnifying Party”) will pay all costs associated with any damage, service interruption or other

telecommunications service degradation, or damage to the other Party's ("Indemnatee") facilities. Notwithstanding any other provision of this Appendix, each Party ("Indemnifying Party") shall release, defend and indemnify the other Party ("Indemnatee") and hold Indemnatee harmless against any loss, or claim made by the Indemnifying Party's end-user, arising out of the negligence or willful misconduct of the Indemnatee, its agents, its end users, contractors, or others retained by such Party, in connection with Indemnatee's provision of splitter functionality under this Appendix.

- 3.5.2 For any technology, CLEC's use of any **SBC-13STATE** network element, or its own equipment or facilities in conjunction with any **SBC-13STATE** network element, will not materially interfere with or impair service over any facilities of **SBC-13STATE**, its affiliated companies or connecting and concurring carriers involved in **SBC-13STATE** services, cause damage to **SBC-13STATE**'s plant, impair the privacy of a communications carried over **SBC-13STATE**'s facilities or create hazards to employees or the public. Upon reasonable written notice and after a reasonable opportunity to cure, **SBC-13STATE** may discontinue or refuse service if CLEC violates this provision, provided that such termination of service will be limited to CLEC's use of the element(s) causing the violation. Subject to Section 10.2 for HFPCL, **SBC-13STATE** will not disconnect the elements causing the violation if, after receipt of written notice and opportunity to cure, the CLEC demonstrates that their use of the network element is not the cause of the network harm. If **SBC-13STATE** does not believe the CLEC has made the sufficient showing of harm, or if CLEC contests the basis for the disconnection, either Party must first submit the matter to dispute resolution under the Dispute Resolution Procedures set forth in this Appendix. Any claims of network harm by **SBC-13STATE** must be supported with specific and verifiable supporting information.

### 3.6 Indemnification

- 3.6.1 Covered Claim: Notwithstanding any other provisions of this Appendix, each Party ("Indemnifying Party") will release, indemnify, defend and hold harmless the other Party ("Indemnatee") from and against any loss, liability, claim, or damage, including but not limited to direct, indirect or consequential damages, made against Indemnatee by any telecommunications service provider or telecommunications user (other than claims for damages or other losses made by an end-user of Indemnatee for which Indemnatee has sole responsibility and liability) caused, in whole or substantial part, by the use of non-standard xDSL technologies by the Indemnifying Party, or by the Indemnifying Party's

provision of splitter functionality under this Appendix, or the Indemnifying Party's (i.e., CLEC's) retention of the facility used to provide the HFPCL when the end user terminates voice service from Indemnitee (i.e., **SBC-13STATE**) and Indemnitee is requested by another telecommunications service provider to provide a voice grade service or facility to the end user.

- 3.6.2 Indemnifying Party is permitted to fully control the defense or settlement of any Covered Claim, including the selection of defense counsel. Notwithstanding the foregoing, the Indemnifying Party will consult with Indemnitee on the selection of defense counsel and consider any applicable conflicts of interest. Indemnifying Party is required to assume all costs of the defense and any loss, liability, claim or damage indemnified pursuant to Section 3.6.1 above and Indemnitee will bear no financial or legal responsibility whatsoever arising from such claims.
- 3.6.3 Indemnitee agrees to fully cooperate with the defense of any Covered Claim. Indemnitee will provide written notice to the Indemnifying Party of any Covered Claim at the address for notice set forth herein within ten days of receipt, and, in the case of receipt of service of process, will deliver such process to the Indemnifying Party not later than 10 business days prior to the date for response to the process. Indemnitee will provide to Indemnifying Party reasonable access to or copies of any relevant physical and electronic documents or records related to the deployment of non-standard xDSL technologies in the area affected by the claim, or the Indemnifying Party's provision of splitter functionality under this Appendix, all other documents or records determined to be discoverable, and all other relevant documents or records that defense counsel may reasonably request in preparation and defense of the Covered Claim. Indemnitee will further cooperate with the Indemnifying Party's investigation and defense of the Covered Claim by responding to the reasonable requests to make its employees with knowledge relevant to the Covered Claim available as witnesses for preparation and participation in discovery and trial during regular weekday business hours. Indemnitee will promptly notify the Indemnifying Party of any settlement communications, offers or proposals received from claimants.
- 3.6.4 Indemnitee agrees that Indemnifying Party will have no indemnity obligation under 3.6.1 above, and Indemnitee will reimburse Indemnifying Party's defense costs, in any case in which Indemnifying Party's technology is determined not to be the cause of any of Indemnitee's liability and in any case in which the Indemnifying Party's provision of splitter functionality under this Appendix is determined not to be the cause of any of Indemnitee's liability.

- 3.7 Claims Not Covered: No Party hereunder agrees to indemnify or defend any other Party against claims based on the other Party's gross negligence or intentional misconduct.

#### 4. HFPCL OFFERING

- 4.1 When SBC-13STATE is the provider of the retail Centrex service on the same facility to the same end-user, HFPCL access will be offered subject to the terms of this agreement. The CLEC will provide SBC-13STATE with the type of technology it seeks to deploy, at the time of ordering, including the PSD of the technology the CLEC will deploy. If the technology does not have a PSD mask, CLEC shall provide SBC-13STATE with a technical description of the technology (including power mask) for inventory purposes.
- 4.2 xDSL technologies may only reside in the higher frequency ranges, preserving a "buffer zone" to ensure the integrity of voice band traffic.
- 4.3 When SBC-13STATE retail Centrex services are disconnected or are otherwise modified so as to no longer meet the requirements for availability of HFPCL contained in this agreement, SBC-13STATE will notify the CLEC that Centrex service is being disconnected.
- 4.4 HFPCL is not available in conjunction with a combination of network elements known as the platform or UNE-P (including loop and switch port combinations) or unbundled local switching or any arrangement where SBC-13STATE is not the retail Centrex provider.
- 4.5 SBC-13STATE shall not be required to provide narrowband service to CLEC "A" and HFPCL service to CLEC "B" on the same facility.
- 4.6 SBC-13STATE shall be under no obligation to provision HFPCL in any instance where physical facilities do not exist. SBC-13STATE shall be under no obligation to provide HFPCL where SBC-13STATE is not the existing retail provider of the Centrex voice service.
- 4.7 CLEC shall, at the time of ordering HFPCL, notify SBC-13STATE as to the PSD mask of the technology the CLEC intends to deploy on the facility. If and when a change in PSD mask is made, CLEC will immediately notify SBC-13STATE. Likewise, SBC-13STATE will disclose to CLEC upon request information with respect to the number of facilities using advanced services technology within the binder and type of technology deployed on those facilities. SBC-13STATE will use this formation for the sole purpose of maintaining an inventory of advanced services present in the cable sheath. If the technology does not fit within a

national standard PSD mask (but still remains in the HFPCL only), CLEC shall provide **SBC-13STATE** with a technical description of the technology (including power mask) for inventory purposes. Additional information on the use of PSD masks can be found in Section 11 below.

- 4.8 **SBC-13STATE** will not deny a requesting CLEC's right to deploy new xDSL technologies that do not conform to the national standards and have not yet been approved by a standards body (or otherwise authorized by the FCC, any state commission or which have not been successfully deployed by any carrier without significantly degrading the performance of other services) if the requesting CLEC can demonstrate to the Commission that the facility technology will not significantly degrade the performance of other advanced services or traditional voice band services.

4.8.1 Upon request by CLEC, **SBC-13STATE** will cooperate in the testing and deployment of new xDSL technologies or may direct the CLEC, at CLEC's expense, to a third party laboratory of CLEC's choice for such evaluation.

4.8.2 If it is demonstrated that the new xDSL technology will not significantly degrade the other advanced services or traditional voice based services, **SBC-13STATE** will provide a facility to support the new technology for CLEC as follows:

4.8.2.1 Conditioning on HFPCL DSL circuits shall be provided consistent with the terms of Section 6.4.4 below.

4.8.3 Each Party must abide by Commission or FCC-approved spectrum management standards. **SBC-13STATE** will not impose its own standards for provisioning xDSL services. However, **SBC-13STATE** will publish non-binding Technical Publications to communicate current standards and their application as set forth in Paragraph 72 of FCC Order 99-48 (rel. March 31, 1999), FCC Docket 98-147.

## 5. HFPCL: SPLITTER OWNERSHIP AND RESPONSIBILITIES

5.1 Splitter ownership:

- 5.1.1 Option 1: CLEC will own and have sole responsibility to forecast, purchase, install, inventory, provision and maintain splitters. When physically collocating, splitters shall be installed in the CLECs collocation arrangement area (whether caged or cageless) consistent with **SBC-13STATE**'s standard collocation practices and procedure. When virtually collocated, **SBC-13STATE** will install, provision and maintain splitters under the terms of virtual collocation.
- 5.1.2 Option 2: Without waiving its right to decline to provide splitters under any other prices, terms, and conditions, SBC voluntarily agrees to own, purchase, install, inventory, provision, maintain and lease splitters in accordance with the terms set forth herein. SBC will determine where such SBC-owned splitters will be located in each central office. SBC owned splitters will be placed in a common area accessible to CLECs if space is available. When placed in common areas accessible to CLECs, CLECs will have test access at the line side of the splitter. Upon CLEC's request, SBC will perform testing and repair at the SBC-owned splitter on behalf of CLEC. In the event that no trouble is found at the time of testing by SBC, CLEC shall pay SBC for such testing at the rates set forth in the interconnection agreement with the parties. CLEC will not be permitted direct physical access to the MDF or the IDF, for testing. Upon the request of either Party, the Parties shall meet to negotiate terms for additional test access capabilities.
- 5.1.2.1 SBC will agree to lease such splitters a line at a time subject to the following terms and conditions:
- 5.1.2.1.1 Forecasts: CLEC will provide SBC with a forecast of its demand for each central office prior to submitting its first LSR for that individual office and then every January and July thereafter (or as otherwise agreed to by both parties). CLEC's failure to submit a forecast for a given office may affect provisioning intervals. In the event CLEC fails to submit a forecast in a central office which does not have available splitter ports, SBC shall have an additional ten (10) business days to install CLEC's line sharing order after such time as the additional splitter equipment is installed in the SBC central office. For requests for SBC provided splitters in offices not provisioned in the initial deployment, all such requests, including forecasts, must be made in the CLECs Collocation Application. Installation intervals will be consistent with the collocation intervals for the applicable state.

5.1.2.1.2 Forecasts will be non-binding on both ILECs and CLECs. As such, **SBC-13STATE** will not face liability from failure to provision facilities if the cause is simply its reliance on non-binding forecasts.

5.1.2.2 Splitter provisioning will use standard SBC configuration cabling and wiring in **SBC-13STATE** locations. Connecting Block layouts will reflect standard recognizable arrangements and will be wired out in contiguous 100 pair complements, and numbered 1-100. All arrangements must be consistent with **SBC-13STATE**'s Operational Support Systems ("OSS").

5.1.2.3 Splitter technology will adhere to established industry standards for technical, test access, common size, configurations and shelf arrangements.

5.1.2.4 All SBC-owned splitter equipment will be compliant with applicable national standards and NEBS Level 1.

5.1.2.5 When an end-user disconnects SBC's Centrex service, SBC will advise the end user to also notify their data CLEC. SBC will also notify the CLEC of the disconnect and will reconfigure the loop to remove the splitter in order to conserve the splitter ports for future orders. CLEC shall pay a nonrecurring charge for any such reconfiguration. The loop reconfiguration will result in temporary downtime of the loop as the splitter is removed from the circuit. Upon request of either Party, the Parties shall meet to negotiate terms for such notification and disconnection.

5.1.2.6 SBC retains the sole right to select SBC-owned splitter equipment and installation vendors.

5.2 When physically collocated and choosing Option 1 above, splitters will be placed in traditional collocation areas as outlined in the physical collocation terms and conditions in this Appendix or applicable Commission-ordered tariff. In this arrangement, the CLEC will have test access to the line side of the splitter when the splitter is placed in an area commonly accessible by CLECs. It is recommended that the CLEC provision splitter cards that provide test port capabilities. When virtually collocated, **SBC-13STATE** will install the splitter in an **SBC-13STATE** bay and **SBC-13STATE** will access the splitter on behalf of the CLEC for line continuity tests. Additional testing capabilities (including remote testing) may be negotiated by the Parties.

- 5.3 Splitter provisioning will use standard SBC configuration cabling and wiring in **SBC-13STATE** locations. In situations where the CLEC owns the splitter, the splitter dataport and DSLAM will be hardwired to each other. Connecting Block layouts will reflect standard recognizable arrangements that will work with **SBC-13STATE** Operations Support Systems (“OSS”).
- 5.4 Splitter technology needs to adhere to established industry standards for technical, test access, common size, configurations and shelf arrangements.
- 5.5 All splitter equipment must be compliant with applicable national standards and NEBS Level 1.

## 6. **OPERATIONAL SUPPORT SYSTEMS: LOOP MAKEUP INFORMATION AND ORDERING**

- 6.1 **General:** **SBC-13STATE** will provide CLEC with nondiscriminatory access by electronic or manual means, to its facility makeup information set forth in **SBC-13STATE**’s Plan of Record. In the interim, facility makeup data will be provided as set forth below. In accordance with the FCC’s UNE Remand Order, CLEC will be given nondiscriminatory access to the same facility makeup information that **SBC-13STATE** is providing any other CLEC and/or **SBC-13STATE**’s retail operations or its advanced services affiliate.
- 6.2 **Loop Pre-Qualification:** Subject to 6.1 above, **SBC-13STATE**’s pre-qualification will provide a near real time response to CLEC queries. Until replaced with OSS access as provided in 6.1, **SBC-13STATE** will provide mechanized access to a facility length indicator via Verigate and DataGate in regions where Verigate/DataGate are generally available for use with xDSL-based, HFPCL, or other advanced services. The facility length is an indication of the approximate facility length, based on a 26-gauge equivalent and is calculated on the basis of Distribution Area distance from the central office. This is an optional service to the CLEC and is available at no charge.
- 6.3 **Loop Qualification:** Subject to 6.1 above, **SBC-13STATE** will develop and deploy enhancements to its existing DataGate and EDI interfaces that will allow CLECs, as well as **SBC-13STATE**’s retail operations or its advanced services affiliate, to have near real time electronic access as a preordering function to the facility makeup information. As more particularly described below, this facility makeup information will be categorized by three separate pricing elements: mechanized, manual, and detailed manual.
  - 6.3.1 Mechanized loop qualification includes data that is available electronically and provided via an electronic system. Electronic access to facility makeup data through the OSS enhancements described in 6.1 above will

return information in all fields described in SBC's Plan of Record when such information is contained in **SBC-13STATE**'s electronic databases. CLEC will be billed a mechanized loop qualification charge for each xDSL capable loop order submitted at the rates set forth in Appendix Pricing.

- 6.3.2 Manual loop qualification requires the manual look-up of data that is not contained in an electronic database. Manual facility makeup data includes the following: (a) the actual facility length; (b) the length by gauge; (c) the presence of repeaters, load coils, bridged taps; and shall include, if noted on the individual facility record, (d) the total length of bridged taps; (e) the presence of pair gain devices, DLC, and/or DAML, and (f) the presence of disturbers in the same and/or adjacent binder groups. CLEC will be billed a manual loop qualification charge for each manual loop qualification requested at the rates set forth in Appendix Pricing.

6.4 All three categories of loop qualification are subject to the following:

- 6.4.1 If load coils, repeaters or excessive bridged tap are present on a Centrex facility less than 12,000 feet in length, conditioning to remove these elements will be performed without request and at no charge to the CLEC.
- 6.4.2 If a CLEC elects to have **SBC-13STATE** provide facility makeup through a manual process for information not available electronically, then the facility qualification interval will be 3-5 business days, or the interval provided to **SBC-13STATE**'s affiliate, whichever is less.
- 6.4.3 If the results of the loop qualification indicate that conditioning is needed, CLEC may request that **SBC-13STATE** perform conditioning at charges set forth in Appendix Pricing. The CLEC may order the loop without conditioning or with partial conditioning if desired.
- 6.4.4 For HFPCL, if CLEC's requested conditioning will degrade the customer's analog centrex voice service, **SBC-13STATE** is not required to condition the facility. However, should **SBC-13STATE** refuse the CLEC's request to condition a facility, **SBC-13STATE** will make an affirmative showing to the relevant state commission that conditioning the specific facility in question will significantly degrade voice band services.

## 7. PROVISIONING

- 7.1 Provisioning: **SBC-13STATE** will not guarantee that the HFPCL ordered will perform as desired by CLEC for HFPCL, or other advanced services, but will guarantee basic metallic facility parameters, including continuity and pair balance.

CLEC-requested testing by **SBC-13STATE** beyond these parameters will be billed on a time and materials basis at the applicable tariffed rates. On facilities where CLECs have requested that no conditioning be performed, **SBC-13STATE**'s maintenance will be limited to verifying facility suitability based on Centrex design. For facilities having had partial or extensive conditioning performed at CLEC's request, **SBC-13STATE** will verify continuity, the completion of all requested conditioning, and will repair at no charge to CLEC any gross defects which would be unacceptable based on current Centrex design criteria and which do not result from the facility's modified design. For facilities less than 12,000 feet, **SBC-13STATE** will remove load coils, repeaters, and excessive bridged tap at no charge to CLEC.

- 7.2 Subject to Section 6.4.4 above AND SECTION 7.3 BELOW, CLEC shall designate, at the CLEC's sole option, what loop conditioning **SBC-13STATE** is to perform in provisioning the HFPCL on the HFPCL order. Conditioning may be ordered on AN HFPCL of any length at the Loop conditioning rates set forth in the Appendix Pricing. The HFPCL will be provisioned to meet the basic metallic and electrical characteristics such as electrical conductivity and capacitive and resistive balance.
- 7.3 **SBC-13STATE** has no obligation to provision HFPCL on a loop where the requested conditioning would degrade the analog centrex voice service. Thus, if, due to the varying nature of various centrex services, SBC-13STATE cannot verify the analog centrex voice service will perform as required without the current conditioning elements, SBC-13STATE shall be under no obligation to provision to CLEC the HFPCL on the loop at issue.
- 7.4 The provisioning intervals are applicable to every HFPCL regardless of the loop length.
  - 7.4.1 The provisioning and installation interval for the HFPCL, where no conditioning is requested (including outside plant rearrangements that involve moving a working service to an alternate pair as the only possible solution to provide the HFPCL ), on orders for 1-24 facilities per order or per end-user location, will be 3 business days, or the provisioning and installation interval applicable to **SBC-13STATE**'s tariffed xDSL-based services, or its affiliate's, whichever is less.
  - 7.4.2 For CLEC orders of 25 to 48 HFPCL per order or per end user customer location where no conditioning is requested, the provisioning and installation interval will be 6 business days or as agreed upon by the parties.

- 7.4.3 For CLEC orders of 48 up to 99 HFPCL per order or per end user location where no conditioning is requested, the provisioning and installation interval will be 7 business days, or as agreed upon by the Parties.
- 7.4.4 For CLEC orders of more than 99 HFPCL per order or per end user location where no conditioning is requested, the provisioning and installation interval will be as agreed upon by the Parties.
- 7.4.5 The provisioning and installation intervals for the HFPCL where conditioning is required or outside plant rearrangements are necessary, as defined above, on orders for 1-24 HFPCL per order or per end-user customer location, will be ten (10) business days, or the provisioning and installation interval applicable to **SBC-13STATE**'s tariffed xDSL-based services or its affiliate's xDSL-based services where conditioning is required, whichever is less.
- 7.4.6 For CLEC order of more than 24 HFPCL per order or per end user location where conditioning is required, the provisioning and installation interval will be as agreed upon by the Parties.
- 7.4.7 For HFPCL orders, intervals are contingent upon CLEC's end user customer release of the voice grade circuit during normal working hours. In the event the end user customer should require conditioning during non-working hours, the due date may be adjusted consistent with end user release of the voice grade circuit and out-of-hours charges may apply.
- 7.4.8 Subsequent to the initial order for an HFPCL additional conditioning may be requested on such facilities(s) at the rates set forth in the Appendix Pricing and the applicable service order charges will apply; provided, however, when requests to add or modify conditioning are received for a pending xDSL capable loop(s) order, no additional service order charges shall be assessed, but the due date may be adjusted if necessary to meet standard offered provisioning intervals. The provisioning interval for additional requests for conditioning pursuant to this subsection will be the same as set forth above. In addition, CLEC agrees that standard offered intervals do not constitute performance measurement commitments.
- 7.4.9 The CLEC, at its sole option, may request shielded cabling between network elements and frames within the central office for use with HFPCL when used to provision ADSL over a HFPCL provided for herein at the rates set forth in the Appendix Pricing. Tight Twist cross-connect wire will be used on all identified DSL services on all central office frames.

## 8. TESTING

- 8.1 Generally, **SBC-13STATE** would not dispatch to provision HFPCL, thus would not have a technician at the customer site to perform an acceptance test. However, **SBC-13STATE** will perform the routine Line Sharing Turn-Up Testing prior to the completion of a HFPCL order.
- 8.2 Line Sharing Turn-Up Testing Procedures:
- 8.2.1 The Line Sharing Turn-Up Test will be performed only on HFPCL orders. Line Sharing Turn-Up Test is comprised of several work steps to be completed by **SBC-13STATE**'s central office technician to ensure that no loads are present on the loop, cross-connects are verified, and the correct telephone number is verified on the cable pair leaving the central office.
- 8.2.2 Line Sharing Turn-Up Test will be completed by close of business one (1) day prior to due date.
- 8.2.3 Detailed procedures of this Line Sharing Turn-Up Test can be located in SBC's CLEC Handbook. CLECs will not be billed for the Line Sharing Turn-Up Test described in 8.2.1 above.

## 9. PRICING

- 9.1 Pricing for HFPCL is contained in Appendix Pricing.

## 10. MAINTENANCE /SERVICE ASSURANCE

- 10.1 Narrowband/voice service: If the narrowband, or voice, portion of the facility becomes significantly degraded due to the broadband or high frequency portion of the facility, certain procedures as detailed below will be followed to restore the narrowband, or voice service. Should only the narrowband or voice service be reported as significantly degraded or out of service, **SBC-13STATE** shall repair the narrowband portion of the facility without disturbing the broadband portion of the facility if possible. In any case, **SBC-13STATE** shall attempt to notify the end user and CLEC for permission any time **SBC-13STATE** repair effort has the potential of affecting service on the broadband portion of the facility. **SBC-13STATE** may proceed with repair of the voice circuit if unable to reach end-user after a reasonable attempt has been made to do so. When connected facility assignment or additional point of termination (CFA/APOT) change is required due to trouble, the pair change will be completed during the standard offered repair interval. CLEC agrees that standard offered intervals do not constitute performance measurement commitments.

10.2 **SBC-13STATE** will provide resolution of CLEC-referred trouble tickets for the HFPCL in parity with repair intervals **SBC-13STATE** provides its advanced services affiliates for the HFPCL.

10.2.1 If the CLEC opens a trouble ticket for the HFPCL portion of the facility to **SBC-13STATE** and the problem is determined to be in the CLEC's network, the CLEC will pay **SBC-13STATE** the applicable commissioned-ordered tariffed rate for trouble isolation, maintenance, and repair (as specified in Section 8.5 above) upon closing the trouble ticket.

10.2.2 SBC-owned line splitters:

10.2.2.1 **SBC-13STATE** will offer a 24-hour clearing time, excluding weekends and holidays, or parity with the repair intervals **SBC-13STATE** provides its advanced services affiliates, whichever is less, for trouble reports on the HFPCL only referred by CLEC where the voice service has not been impacted after such trouble has been isolated to the **SBC-13STATE** central office.

10.2.3 CLEC-owned line splitters:

10.2.3.1 If **SBC-13STATE** isolates a trouble (causing significant degradation or out of service condition to the POTS service) caused by the CLEC data equipment or splitter, **SBC-13STATE** will notify the CLEC and request a trouble ticket and a committed restoration time from CLEC for clearing the reported trouble.

10.2.4 Either Party may offer the End User the option of restoring the Centrex line if the End User is not satisfied with the repair interval provided by the CLEC. If the End User chooses to have the Centrex line restored before the HFPCL problem can be corrected and notifies either CLEC or **SBC-13STATE**, the contacted Party will notify the other and provide contact names prior to **SBC-13STATE** "cutting around" the Centrex Splitter/DSLAM equipment to restore Centrex.

10.2.5 When the CLEC resolves the trouble condition in its equipment, the CLEC will contact **SBC-13STATE** to restore the HFPCL.

10.2.6 In the event the trouble is identified and corrected in the CLEC equipment, **SBC-13STATE** will charge the CLEC the applicable commissioned-ordered tariffed rate for trouble isolation, maintenance, and repair (as specified in Section 8.5 above) upon closing the trouble ticket.

- 10.3 **SBC-13STATE** will provide CLECs access to its legacy Mechanized Loop Testing (MLT) system and its inherent testing functions. Prior to a CLEC utilizing MLT intrusive test scripts, the CLEC must have established data service on that facility and have specifically informed the customer that service testing will interrupt both the data and voice telephone services served by that line. CLEC may not perform intrusive testing without having first obtained the express permission of the end user customer and the name of the person providing such permission. CLEC shall make a note on the applicable screen space of the name of the end user customer providing permission for such testing before initializing any intrusive test or so note such information on the CLEC's trouble documentation for non-mechanized tests.
- 10.4 CLEC hereby agrees to assume any and all liability for any such intrusive testing it performs, including the payment of all costs associated with any damage, service interruption, or other telecommunications service degradation or damage to **SBC-13STATE** facilities and hereby agrees to release, defend and indemnify **SBC-13STATE**, and hold **SBC-13STATE** harmless, from any claims for loss or damages, including but not limited to direct, indirect or consequential damages, made against **SBC-13STATE** by an end user customer, any telecommunications service provider or telecommunications user relating to such testing by CLEC.
- 10.5 The CLEC shall not rearrange or modify **SBC-13STATE**'s retail Centrex service within its equipment in any way without first coordinating with **SBC-13STATE**.

## 11. SPECTRUM MANAGEMENT

- 11.1 CLEC will advise **SBC-13STATE** of the PSD mask approved or proposed by T1.E1 that reflect the service performance parameters of the technology to be used. The CLEC, at its option, may provide any service compliant with that PSD mask so long as it stays within the allowed service performance parameters. At the time of ordering a xDSL-capable loop, CLEC will notify **SBC-13STATE** as to the type of PSD mask CLEC intends to use on the ordering form, and if and when a change in PSD mask is made, CLEC will notify **SBC-13STATE**. CLEC will abide by standards pertinent for the designated PSD mask type.
- 11.2 **SBC-13STATE** agrees that as a part of spectrum management, it will maintain an inventory of the existing services provisioned on the cable. **SBC-13STATE** may not segregate xDSL technologies into designated binder groups without Commission review and approval, or approved industry standard. **SBC-13STATE** shall not deny CLEC a facility based upon spectrum management issues, subject to 10.3 below. In all cases, **SBC-13STATE** will manage the spectrum in a competitively neutral manner consistent with all relevant industry standards regardless of whether the service is provided by a CLEC or by **SBC-13STATE**, as well as competitively neutral as between different xDSL services.

Where disputes arise, **SBC-13STATE** and CLEC will put forth a good faith effort to resolve such disputes in a timely manner. As a part of the dispute resolution process, **SBC-13STATE** will, upon request from a CLEC, disclose within 3-5 business days information with respect to the number of loop facilities using advanced services technology within the binder group and the type of technology deployed on those facilities so that the involved parties may examine the deployment of services within the affected facility plant.

- 11.3 In the event that the FCC or the industry establishes long-term standards and practices and policies relating to spectrum compatibility and spectrum management that differ from those established in this Appendix, **SBC-13STATE** and CLEC agree to comply with the FCC and/or industry standards, practices and policies and will establish a mutually agreeable transition plan and timeframe for achieving and implementing such industry standards, practices and policies.
- 11.4 Within thirty (30) days after general availability of equipment conforming to applicable industry standards or the mutually agreed upon standards developed by the industry in conjunction with the Commission or FCC, then **SBC-13STATE** and/or CLEC must begin the process of bringing its deployed xDSL technologies and equipment into compliance with such standards at its own expense.

## **12. RESERVATION OF RIGHTS**

- 12.1 The Parties acknowledge and agree that on May 24, 2002, the United States Court of Appeals for the District of Columbia Circuit issued its decision in *United States Telecom Association, et. al v. FCC*, No. 00-101, in which the Court granted the petitions for review of the Federal Communications Commission's ("FCC") Third Report and Order and Fourth Further Notice of Proposed Rulemaking in CC Docket No. 96-98 (FCC 99-238) ("the UNE Remand Order") and the FCC's Third Report and Order in CC Docket No. 98-147 and Fourth Report and Order in CC Docket No. 96-98 (FCC 99-355) (rel. December 9, 1999) ("the Line Sharing Order"), specifically vacated the Line Sharing Order, and remanded both these orders to the FCC for further consideration in accordance with the decision. In addition, the FCC has also issued the following orders: its Memorandum Opinion and Order, and Notice of Proposed Rulemaking, FCC 98-188 in CC Docket No. 98-147 (rel. August 7, 1998), its First Report and Order and Further Notice of Proposed Rulemaking, FCC 99-48 in CC Docket 98-147 (rel. March 31, 1999), its Supplemental Order *In the Matter of the Local Competition Provisions of the Telecommunications Act of 1996*, (FCC 99-370) (rel. November 24, 1999) and its Supplemental Order Clarification, (FCC 00-183) (rel. June 2, 2000), in CC Docket 96-98 and its Third Report and Order on Reconsideration and Third Further Notice of Proposed Rulemaking in CC Docket No. 98-147 and its Fourth Report and Order on Reconsideration and Sixth Further Notice of Proposed Rulemaking in CC Docket 96-98 (rel. January 19, 2001) (collectively the

"Orders"). By entering into this Agreement which makes available the HFPCL and associated rates, terms and conditions, neither Party waives any of its rights with respect to such Orders. The Parties further acknowledge and agree that the rates, terms and conditions set forth herein are subject to any legal or equitable rights of review and remedies (including agency reconsideration and court review). If any reconsideration, agency order, appeal, court order or opinion, stay, injunction or other action by any state or federal regulatory body or court of competent jurisdiction stays, modifies, or otherwise affects any of the rates, terms and conditions herein, specifically including those arising with respect to the Orders or any other proceeding, the affected provision will be immediately invalidated, modified or stayed as required to effectuate the subject order upon written request of either Party. In such event, the Parties shall have sixty (60) days from the effective date of the order to attempt to negotiate and arrive at an agreement on the appropriate conforming modifications required to the Agreement. If the Parties are unable to agree upon the conforming modifications required within sixty (60) days from the effective date of the order, any-disputes between the Parties concerning the interpretations of the actions required or the provisions affected by such order shall be handled under the Dispute Resolution Procedures set forth in this Agreement.

### **13. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS**

- 13.1 Every interconnection, service and network element provided hereunder, shall be subject to all rates, terms and conditions contained in this Agreement which are legitimately related to such interconnection, service or network element. Without limiting the general applicability of the foregoing, the following terms and conditions of the General Terms and Conditions are specifically agreed by the Parties to be legitimately related to, and to be applicable to, each interconnection, service and network element provided hereunder: definitions, interpretation, construction and severability; notice of changes; general responsibilities of the Parties; effective date, term and termination; fraud; deposits; billing and payment of charges; non-payment and procedures for disconnection; dispute resolution; audits; disclaimer of representations and warranties; limitation of liability; indemnification; remedies; intellectual property; publicity and use of trademarks or service marks; no license; confidentiality; intervening law; governing law; regulatory approval; changes in End User local exchange service provider selection; compliance and certification; law enforcement; no third party beneficiaries; disclaimer of agency; relationship of the Parties/independent contractor; subcontracting; assignment; responsibility for environmental contamination; force majeure; taxes; non-waiver; network maintenance and management; signaling; transmission of traffic to third parties; customer inquiries; expenses; conflicts of interest; survival; scope of agreement; amendments and modifications; and entire agreement.